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## Water Analysis

**Location: Mountaineer Plant**

**Report Date: 8/30/2012**

### Bioreactor Effluent

**Sample Number: 123611-001**      **Date Collected: 08/21/2012 13:00**      **Date Received: 8/22/2012**

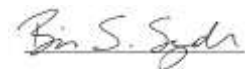
Parameter	Result	Units	Data Qual	RL	MDL	Analysis By	Analysis Date/Time	Method
Arsenic, As	3.18	ug/L		0.1	0.03	DPC	08/27/2012 13:21	EPA 200.8
Beryllium, Be	< 0.1	ug/L	U	0.5	0.1	DAM	08/29/2012 09:52	EPA 200.7
Molybdenum, Mo	529	ug/L		0.1	0.02	DPC	08/27/2012 13:21	EPA 200.8
Nickel, Ni	2.52	ug/L		0.2	0.04	DPC	08/27/2012 13:21	EPA 200.8
Selenium, Se	0.8	ug/L		0.5	0.1	DPC	08/27/2012 13:21	EPA 200.8
Uranium, U	95.0	ug/L		0.01	0.002	DPC	08/27/2012 13:21	EPA 200.8
Aluminum, Al	1.53	mg/L		0.001	0.0003	DPC	08/27/2012 13:21	EPA 200.8
Boron, B	179	mg/L		0.01	0.002	DAM	08/29/2012 09:52	EPA 200.7
Iron, Fe	0.772	mg/L		0.01	0.002	DAM	08/29/2012 09:52	EPA 200.7
Manganese, Mn	6.91	mg/L		0.0005	0.0001	DAM	08/29/2012 09:52	EPA 200.7

### Nutrient Tank

**Sample Number: 123611-002**      **Date Collected: 08/21/2012 13:00**      **Date Received: 8/22/2012**

Parameter	Result	Units	Data Qual	RL	MDL	Analysis By	Analysis Date/Time	Method
Arsenic, As	155	ug/L		5	2	DPC	08/27/2012 13:26	EPA 200.8
Beryllium, Be	< 5	ug/L	U	20	5	DAM	08/29/2012 10:36	EPA 200.7
Molybdenum, Mo	141	ug/L		5	1	DPC	08/27/2012 13:26	EPA 200.8
Nickel, Ni	633	ug/L		10	2	DPC	08/27/2012 13:26	EPA 200.8
Selenium, Se	221	ug/L		20	5	DPC	08/27/2012 13:26	EPA 200.8
Uranium, U	241	ug/L		0.5	0.1	DPC	08/27/2012 13:26	EPA 200.8
Aluminum, Al	22.1	mg/L		0.05	0.02	DPC	08/27/2012 13:26	EPA 200.8
Boron, B	4.70	mg/L		0.5	0.1	DAM	08/29/2012 10:37	EPA 200.7
Iron, Fe	110	mg/L		0.5	0.1	DAM	08/29/2012 10:36	EPA 200.7
Manganese, Mn	11.0	mg/L		0.02	0.005	DAM	08/29/2012 10:36	EPA 200.7

U: Analyte was analyzed and not detected at or above adjusted Method Detection Limit  
J: Analyte was positively identified, though the quantitation was below Reporting Limit.



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**THIS TEST REPORT RELATES ONLY TO THE ITEMS TESTED AND SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT WRITTEN APPROVAL OF THE LABORATORY. ALL TEST RESULTS MEET ALL OF THE REQUIREMENTS OF THE ACCREDITING AUTHORITY, UNLESS OTHERWISE NOTED.**